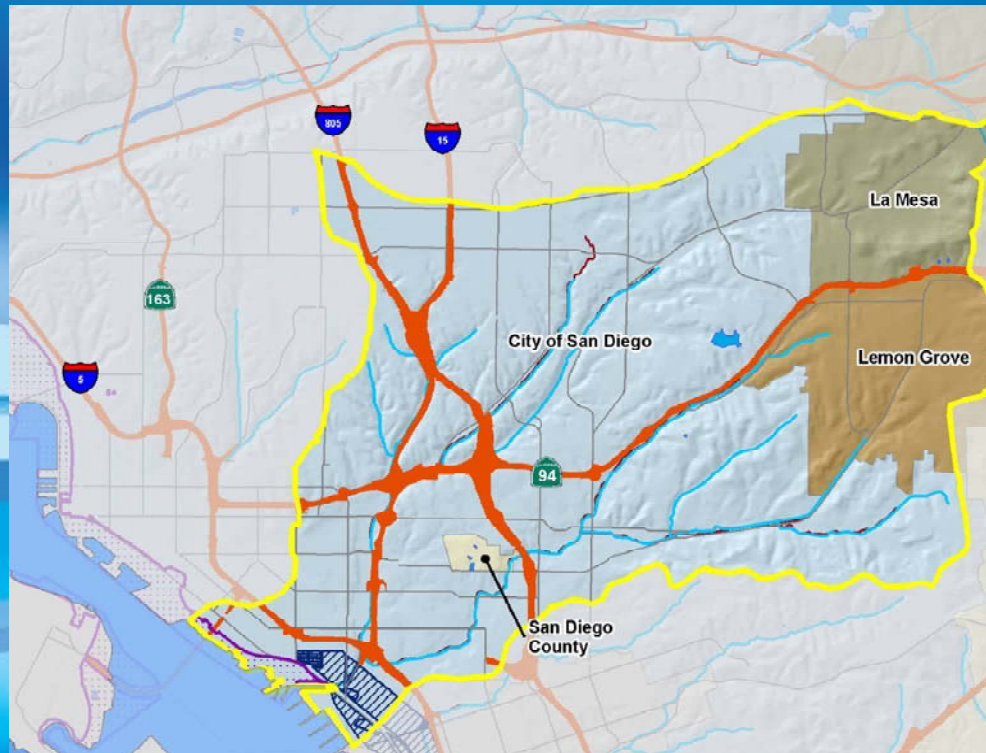


# Chollas Creek Metals TMDL Phase I Progress Update



Presented by  
Chollas Creek Metals TMDL Dischargers  
June 23, 2011

# Agenda

- **Welcome**
- **Introductions**
- **Background**
- **Featured Projects**
- **Monitoring Results**
- **Future Projects Overview**

# Participating Agencies

- **City of San Diego**
- **City of La Mesa**
- **City of Lemon Grove**
- **County of San Diego**
- **San Diego Unified Port District**
- **CALTRANS**
- **U.S. Navy**

# Background and Progress

Cora Long, City of Lemon Grove

Ken Johansson, CALTRANS

# Agenda

- **TMDLs Refresher**
- **Chollas Creek Metals TMDLs**
- **Approach**
- **Progress**

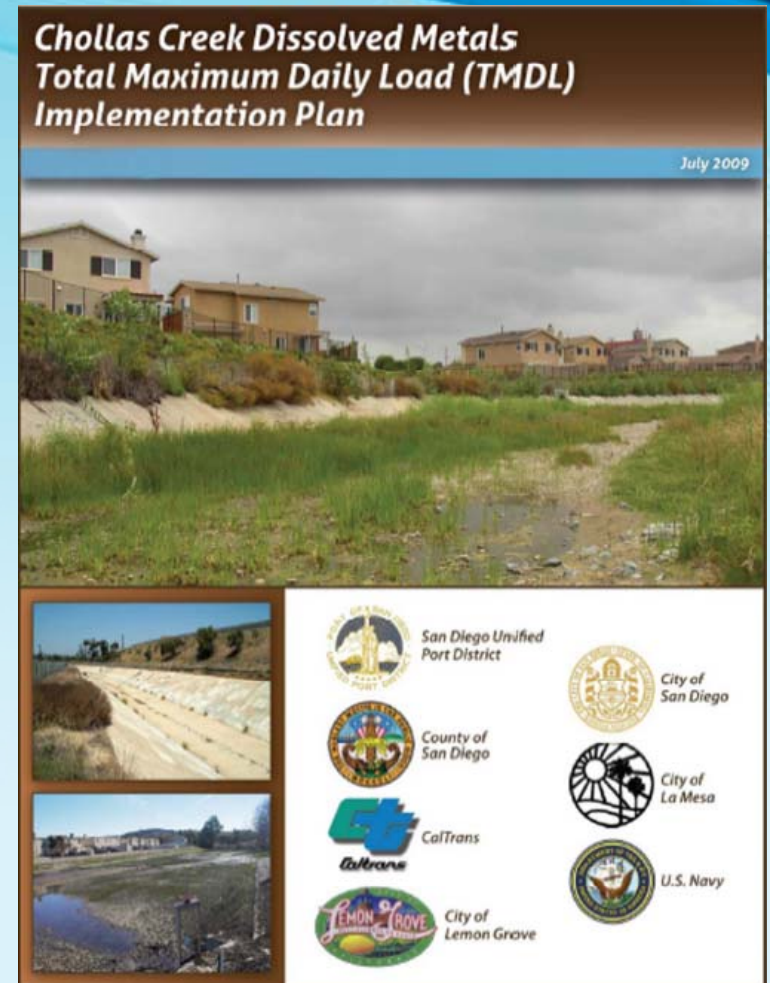


# Total Maximum Daily Loads

- **Required by the Federal Clean Water Act for impaired water bodies**
- **The Purpose of TMDLs is to ...**
  - **Attain Water Quality Objectives and Restore Beneficial Uses**
- **A TMDL is defined as...**
  - **The amount of a pollutant that a waterbody can receive and still meet water quality standards**

# Chollas Creek Metals TMDL

- Dissolved Copper, Lead and Zinc
- 20-year compliance timeframe
- Multi-pollutant approach
- Pollutant limit target is based on water hardness



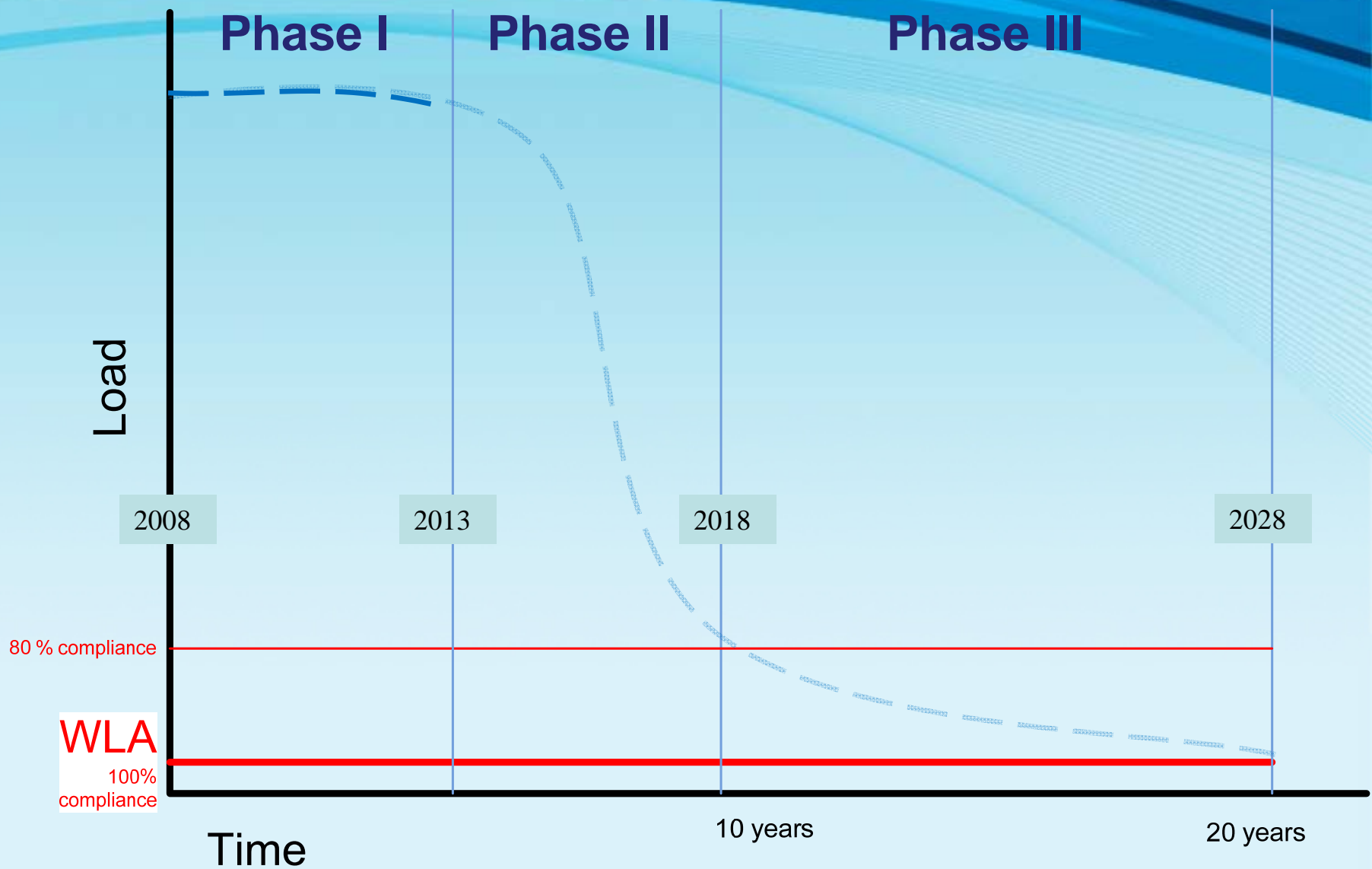
# Compliance Schedule

**Dissolved Metals TMDL effective on October 22, 2008**

Action	Compliance Date	Complete
Initiated TMDL Monitoring Program	October 1, 2009	✓
Submitted TMDL Implementation Plan	October 22, 2009	✓
Reach 80% reduction of dissolved metals	October 22, <b>2018</b>	
Attain 100% compliance with Dissolved Metals TMDL	October 22, <b>2028</b>	



# Our Approach



# Progress – Phase I

- **Total projects planned: 94**
- **Total completed to date: 24**
- **Total Project on Schedule: 83  
(approx 88%)**